

From: "Vickstrom, Kyle E." <vickstromke@cdmsmith.com>
To: "Gustavson, Karl" <Gustavson.Karl@epa.gov>
"John Kern" (b) (6)
"Scott Coffey" <coffeyse@cdmsmith.com>
CC: "Sheldrake, Sean" <sheldrake.sean@epa.gov>
"Zhen, Davis" <Zhen.Davis@epa.gov>
Date: 12/28/2018 11:11:25 AM
Subject: RE: Superfund deliberative: RE: should this be 424 or 428

Hi Karl,

The SDU change map colors were based off of the 6 focused COCs as well as the PTW COCs (HxCDF, TCDF, cPAHs, and naphthalene). RM 2E is neutral because 6/10 COCs had neutral change. If we only included the 6 focused COCs RM 2E would still be neutral (3 gray, 2 green, 1 red).

We can redevelop the maps to show the SDU change colors based only on the 6 focused COCs. Would you like us to do that?

Thanks,

Kyle Vickstrom
425.519.8372; cell 816.260.0669

From: Gustavson, Karl <Gustavson.Karl@epa.gov>
Sent: Friday, December 28, 2018 1:01 PM
To: Vickstrom, Kyle E. <vickstromke@cdmsmith.com>; John Kern (b) (6); Coffey, Scott <CoffeySE@cdmsmith.com>
Cc: Sheldrake, Sean <sheldrake.sean@epa.gov>; Zhen, Davis <Zhen.Davis@epa.gov>
Subject: Superfund deliberative: RE: should this be 424 or 428

Can you tell me how 2E was designated neutral when 3 of 4 appear as significant declines? In particular, PCBs are the primary driver and they drop 80% in the SDU.

RM 2E	
COC	Avg ± SE (µg/kg)
1,2,3,4,7,8-HxCDF	0.0013 ± 0.0002
1,2,3,7,8-PeCDD	0.0004 ± 0.0000
2,3,4,7,8-PeCDF	0.0004 ± 0.0000
2,3,7,8-TCDD	0.0002 ± 0.0000
2,3,7,8-TCDF	0.0008 ± 0.0001
Total DDx	04.68 ± 0.38
Naphthalene	16.01 ± 8.56
Total cPAHs	62.2 ± 7.9
Total PAHs	536.8 ± 95.4
Total PCBs	21.7 ± 4.2

From: Vickstrom, Kyle E. <vickstromke@cdmsmith.com>
Sent: Friday, December 28, 2018 1:10 PM
To: Gustavson, Karl <Gustavson.Karl@epa.gov>; John Kern (b) (6); Scott Coffey <coffeyse@cdmsmith.com>
Subject: RE: should this be 424 or 428

Hi Karl,

There are 428 grid cells and 424 samples because 4 samples were not able to be collected due to hard substrate bottoms (i.e., rock, cobble, rip rap, etc.). These are basically "non-detects" due to the hard substrate.

Thanks,

Kyle Vickstrom
425.519.8372; cell 816.260.0669

From: Gustavson, Karl <Gustavson.Karl@epa.gov>
Sent: Friday, December 28, 2018 11:59 AM
To: Vickstrom, Kyle E. <vickstromke@cdmsmith.com>; John Kern (b) (6); Coffey, Scott
<CoffeySE@cdmsmith.com>
Subject: should this be 424 or 428

“**Figure 5a-f** compares 2018 vs RI/FS data for each of the 428 cells in the 2018 sampling grid. Each figure presents a different COC.”

We seem to have 428 cells, but 424 results.

Karl Gustavson
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